



State Revolving Fund Loan Programs

Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

INDIANA AMERICAN WATER
Richmond Water Main Replacement
SRF # DW 09 25 89 06

Date: October 8, 2009

Target Project Approval Date: October 9, 2009

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Indiana American Water Preliminary Engineering Report submitted to the SRF on March 13, 2009 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

Amy Henninger, Senior Environmental Manager
SRF Programs
317-232-6566; ahenning@ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address:	Water Main Replacements Indiana American Water –Richmond 555 East County Line Road, Suite 201 Greenwood, IN 46143
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SRF Project Number:	DW 09258906
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Authorized Representative:	Stacy Hoffman Director of Engineering
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II. PROJECT LOCATION

South 14th Street: The propose water main project is along South 14th Street from South “L” Street to South “M” Street. The project area is located in Wayne Township, Wayne County, Section 4, Township 13 North, Range 1 West (Richmond, Indiana USGS Quadrangle Map). See Figure 3.2.

North A Street: The proposed water main project is located along North “A” Street from North 5th Street to West Main Street. The project area is located in Wayne Township, Wayne County, Section 32, Township 14 North, Range 1 West (Richmond, Indiana USGS Quadrangle Map). See Figure 4.2.

Southwest 15th Street: The proposed water main project is located along Southwest 15th Street from West Main Street to just north of National Road. The project area is located in Wayne Township, Wayne County, Section 31, Township 14 North, Range 1 West (Richmond, Indiana USGS Quadrangle Map). See Figure 5.2.

III. PROJECT NEED AND DESCRIPTION

South 14th Street: The existing 2-inch diameter PVC water main has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete 2-inch PVC water main via open cut and /or directional drill method of installations with approximately 580 LF of 6-inch ductile iron and AWWA C900 PVC pipe (with Certa-Lok restrained joints for directional drilling) to alleviate flow and pressure problems in the area.

North A Street: The existing cast iron water main has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete 6-inch water main via open cut and/or directional drill method of installation with approximately 1,320 LF of 12-inch and 6- inch diameter ductile iron and AWWA C900 PVC pipe

(with Certa-Lok restrained joints for directional drilling) to alleviate flow and pressure problems in the area.

Southwest 15th Street: The existing cast iron water main has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete 6-inch water main via open cut and /or directional drill method of installations with approximately 1,387 LF of 8-inch and 6-inch diameter ductile iron and AWWA C900 PVC pipe (with Certa-Lok restrained joints for directional drilling) to alleviate flow and pressure problems in the area.

IV. ESTIMATED PROJECT COSTS, AFFORDABILITY AND FUNDING

A. Selected Plan Estimated Cost Summary

South 14th Street:

Construction Costs

Construction Sub-Total	\$ 56,379
Contingencies (15%)	8,460
<i>Construction Total</i>	<i>\$ 64,839</i>

Non-Construction Costs

Preliminary Engineering Reports	\$ 1,494
Survey and Engineering	4,025
Construction Administration	600
Project Inspection	1,200
Permits	150
<i>Non-Construction Total</i>	<i>\$ 7,469</i>
Project Cost	\$ 72,308

North A Street:

Construction Costs

Construction Sub-Total	\$ 172,183
Contingencies (15%)	25,830
<i>Construction Total</i>	<i>\$ 198,013</i>

Non-Construction Costs

Preliminary Engineering Report	\$ 1,495
Survey and Engineering	9,659
Construction Administration	12,600

Project Inspection	25,200
Permits	150
<i>Non-Construction Total</i>	<i>\$ 49,104</i>
Project Cost	\$ 247,117

Southwest 15th Street:

Construction Costs

Construction Sub-Total	\$ 152,980
Contingencies (15%)	22,950
<i>Construction Total</i>	<i>\$ 175,930</i>

Non-Construction Costs

Preliminary Engineering Report	\$ 1,495
Survey and Engineering	11,269
Construction Administration	13,670
Project Inspection	27,340
Permits	150
<i>Non-Construction Total</i>	<i>\$ 53,924</i>
Project Cost	\$ 229,854

Total Project Cost \$549,279

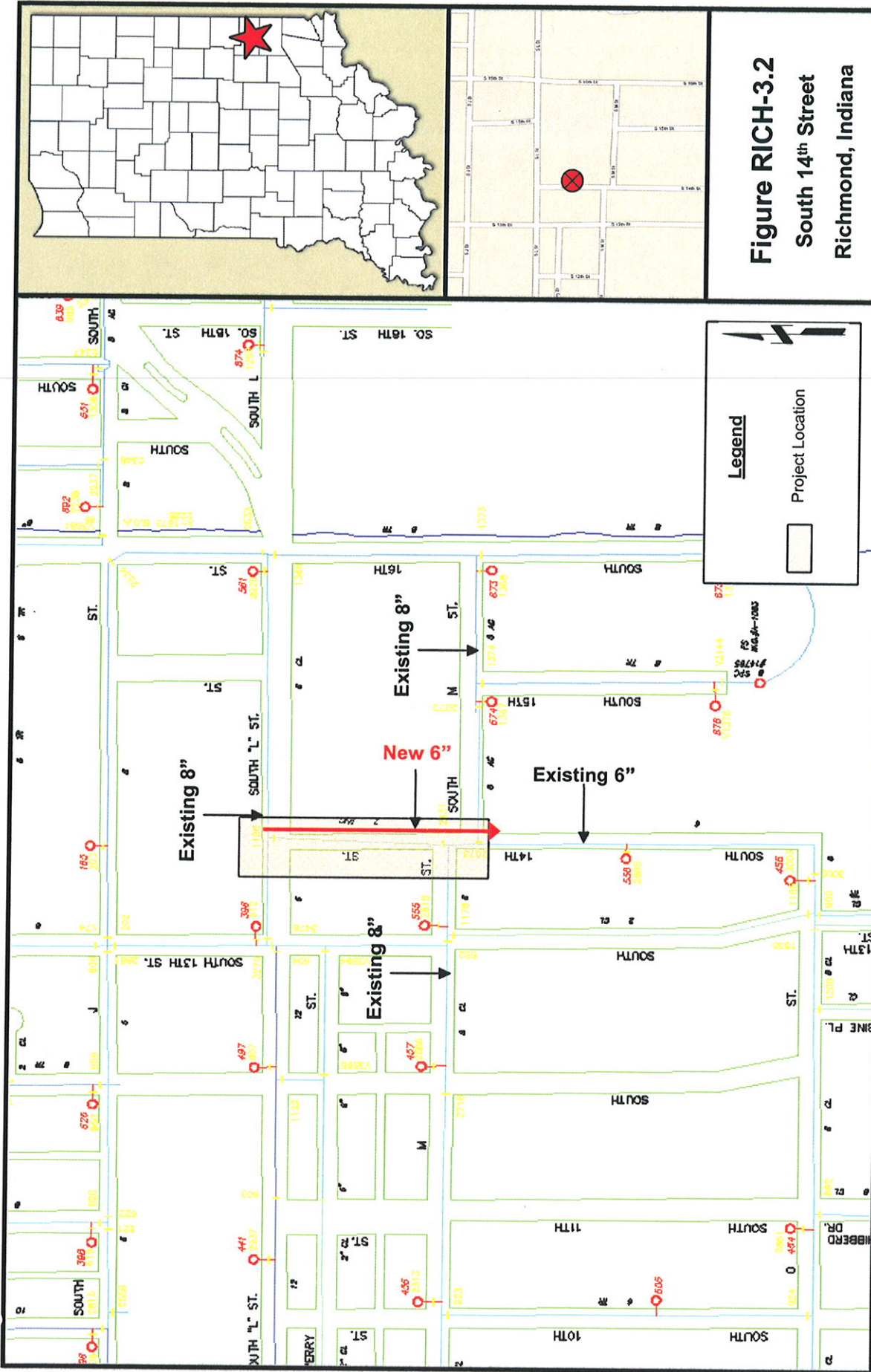
- B. Indiana American Water will finance the project with a 20-year loan of approximately \$549,279 from the State Revolving Fund (SRF) Loan Program at an interest rate to be determined at the time of loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

Environmental impacts will be minimal. The projects will be installed within the road and the existing right-of-ways of South 14th Street, North A Street and Southwest 15th Street. The project sites have been previously disturbed by road construction, and installation of underground electrical line. The project will not affect streams, wetlands, wooded areas, the 100-year floodplain or the Lake Michigan Coastal Management Zone. The Natural Resources Conservation Service has indicated that the projects will not convert prime farmland. These projects have no potential to affect historic sites (see figures 3.7, 4.7 and 5.7). The SRF's finding pursuant to Section 106 of the National Historic Preservation Act is: "no historic properties affected."

VI. PUBLIC PARTICIPATION

A properly noticed public hearing was held on July 27, 2009 at 6:00 p.m. at Highland Heights Elementary School, 1751 East Chester Road in Richmond for South 14th Street and North A Street Projects and on September 9, 2009 at 1:30 p.m. at Indiana-American Water, 1730 Sylvan Nook Drive in Richmond for the Southwest 15th Street Project. No written comments were received for any of the projects in the 5-day period following the hearing.



Install 580 feet of 6" ductile iron main to replace existing 2" PVC main on South 14th Street from South "L" Street to South "M" Street.



SCALE: 1" = 193'

Figure RICH-3.2
South 14th Street
Richmond, Indiana

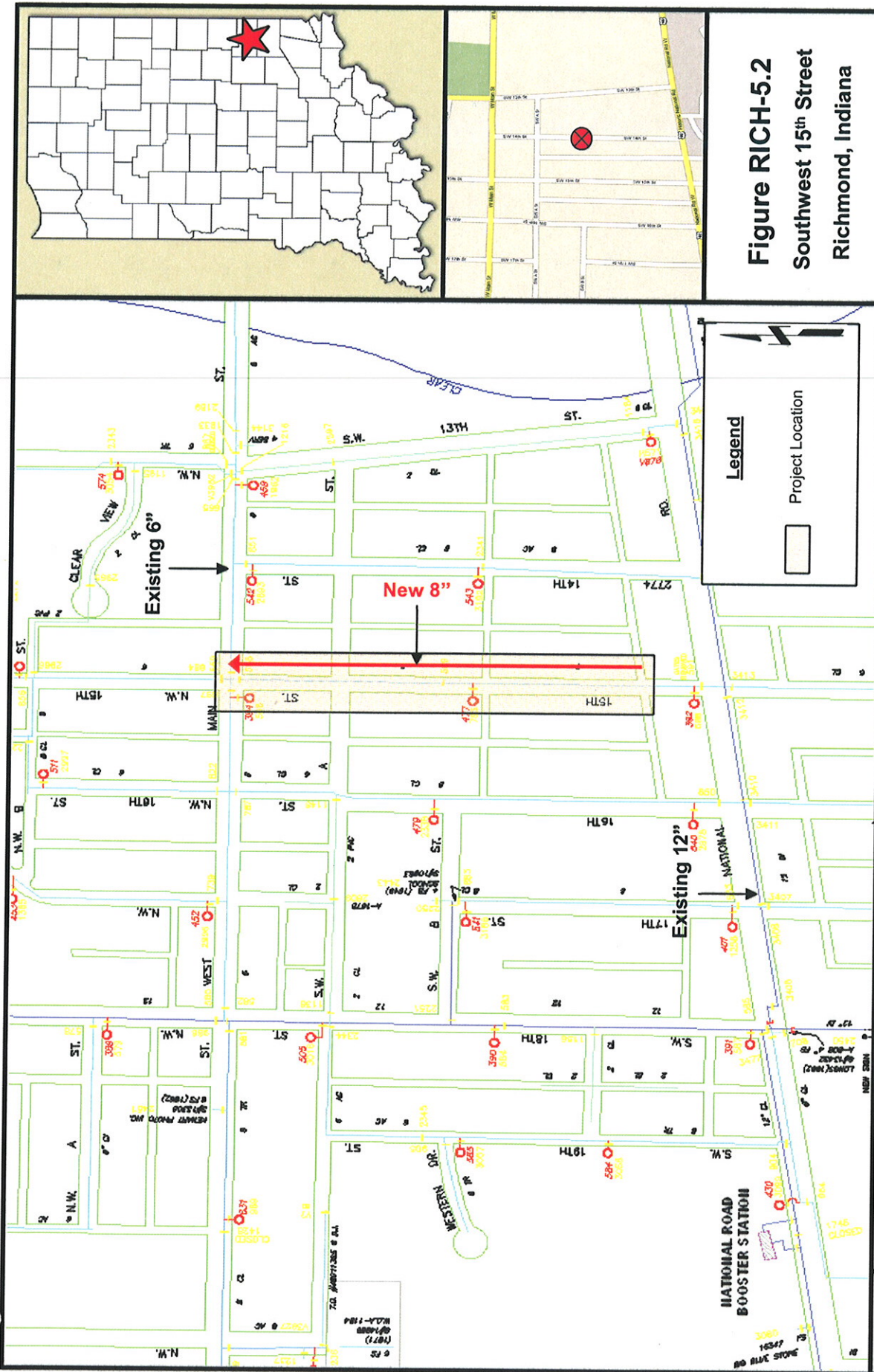
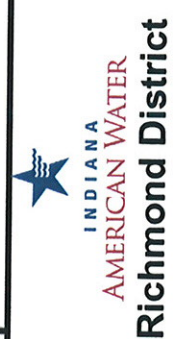


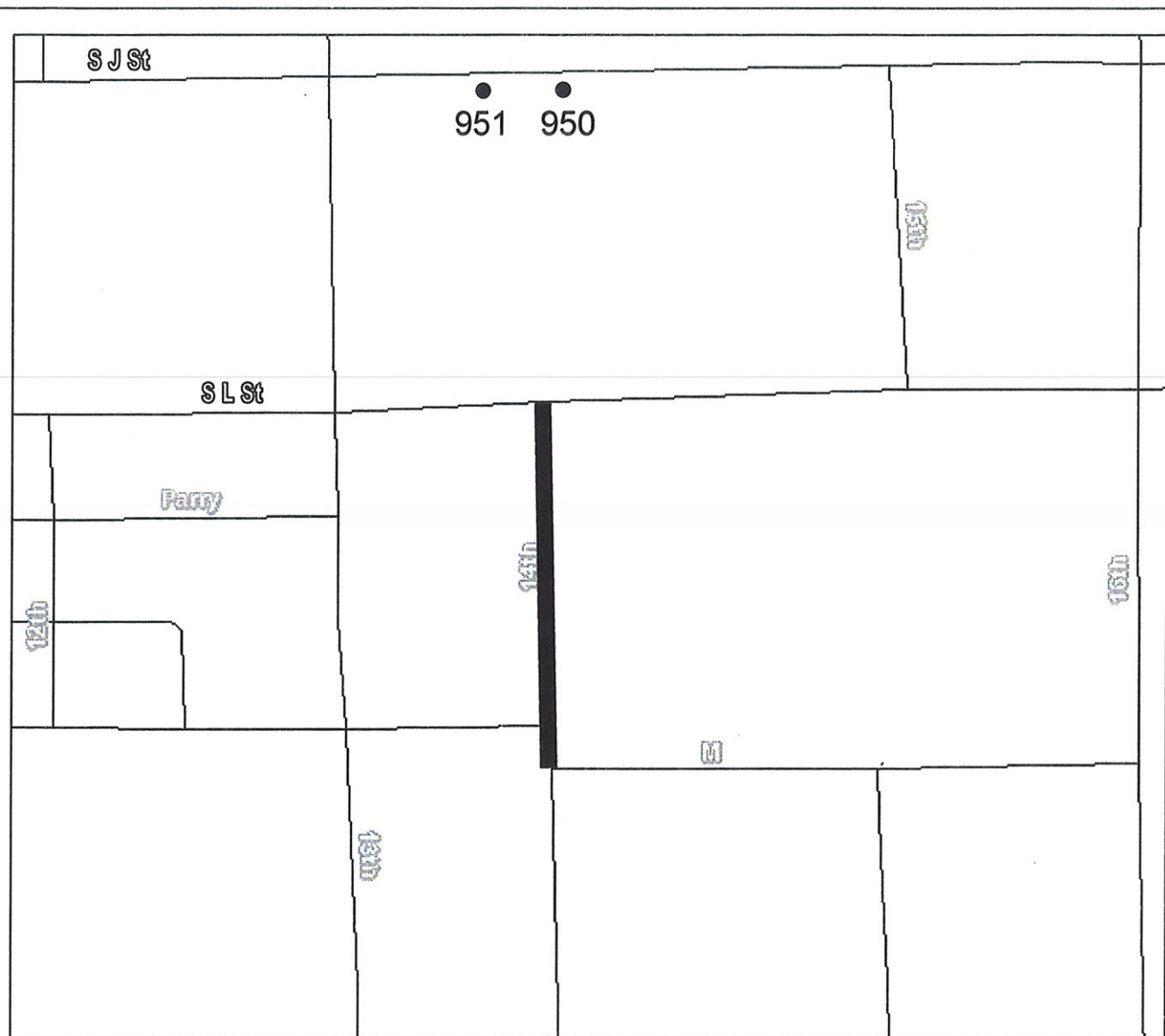
Figure RICH-5.2
Southwest 15th Street
Richmond, Indiana

Install 1,340 feet of 8" ductile iron main to replace existing 6" cast iron main on Southwest 15th Street from West Main Street to north of National Road (US 40).

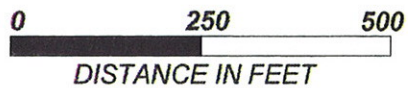


Richmond District





Wayne County, Wayne Township – Richmond
Scattered Sites SE Quad (Sites #56824-960)



LEGEND




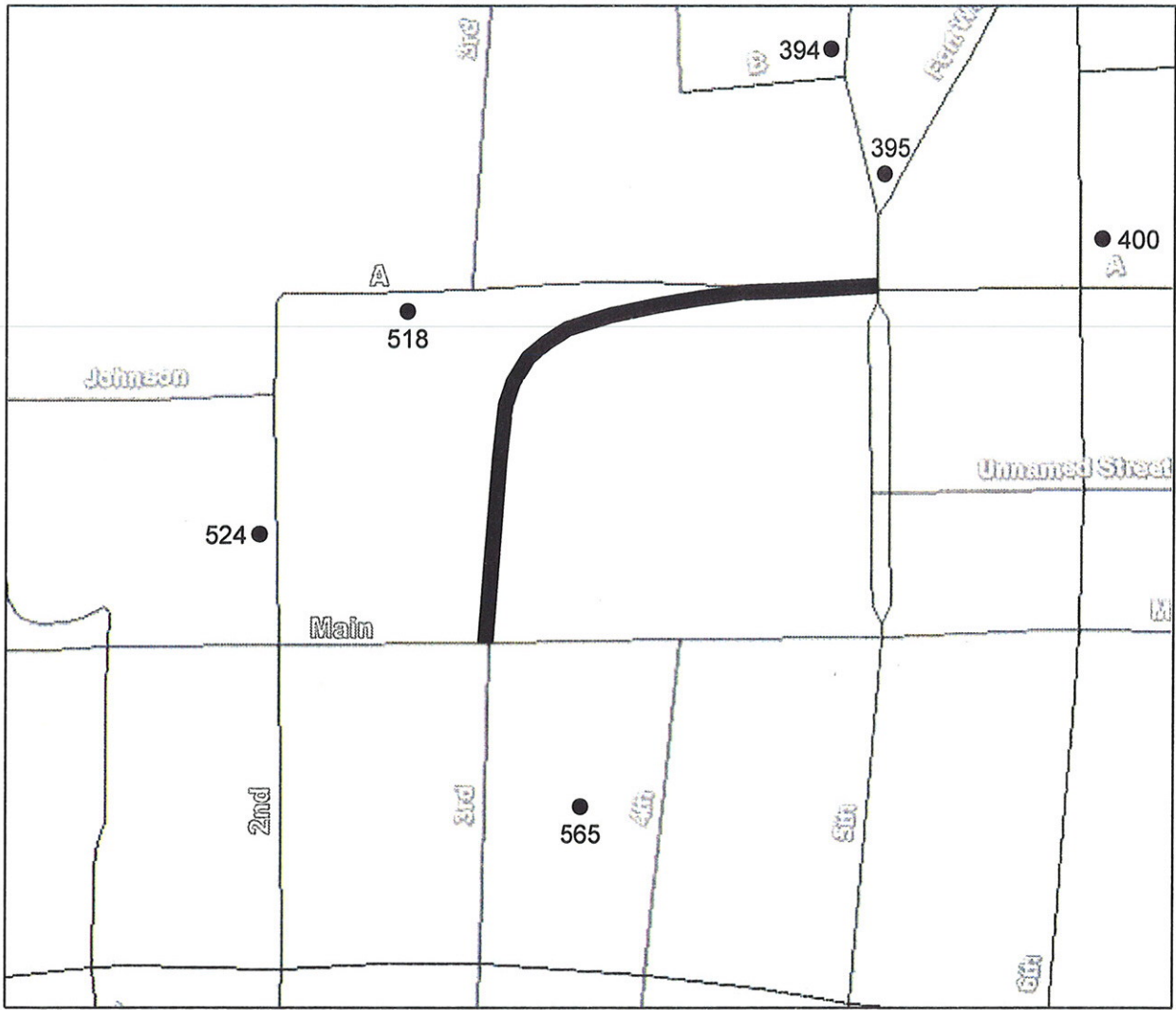
-  Water Main Replacement
-  Stream (None in Project Area)
-  Historic Site

Figure RICH-3.7

INDIANA-AMERICAN WATER COMPANY
PRELIMINARY ENGINEERING REPORT – RICHMOND
WATER MAIN REPLACEMENT ON SOUTH 14th STREET FROM SOUTH L
STREET TO SOUTH M STREET





Wayne County, Wayne Township –
Richmond Scattered Sites SW Quad,
Enlargement A (Sites #55257-689)

0 300 600
DISTANCE IN FEET

LEGEND




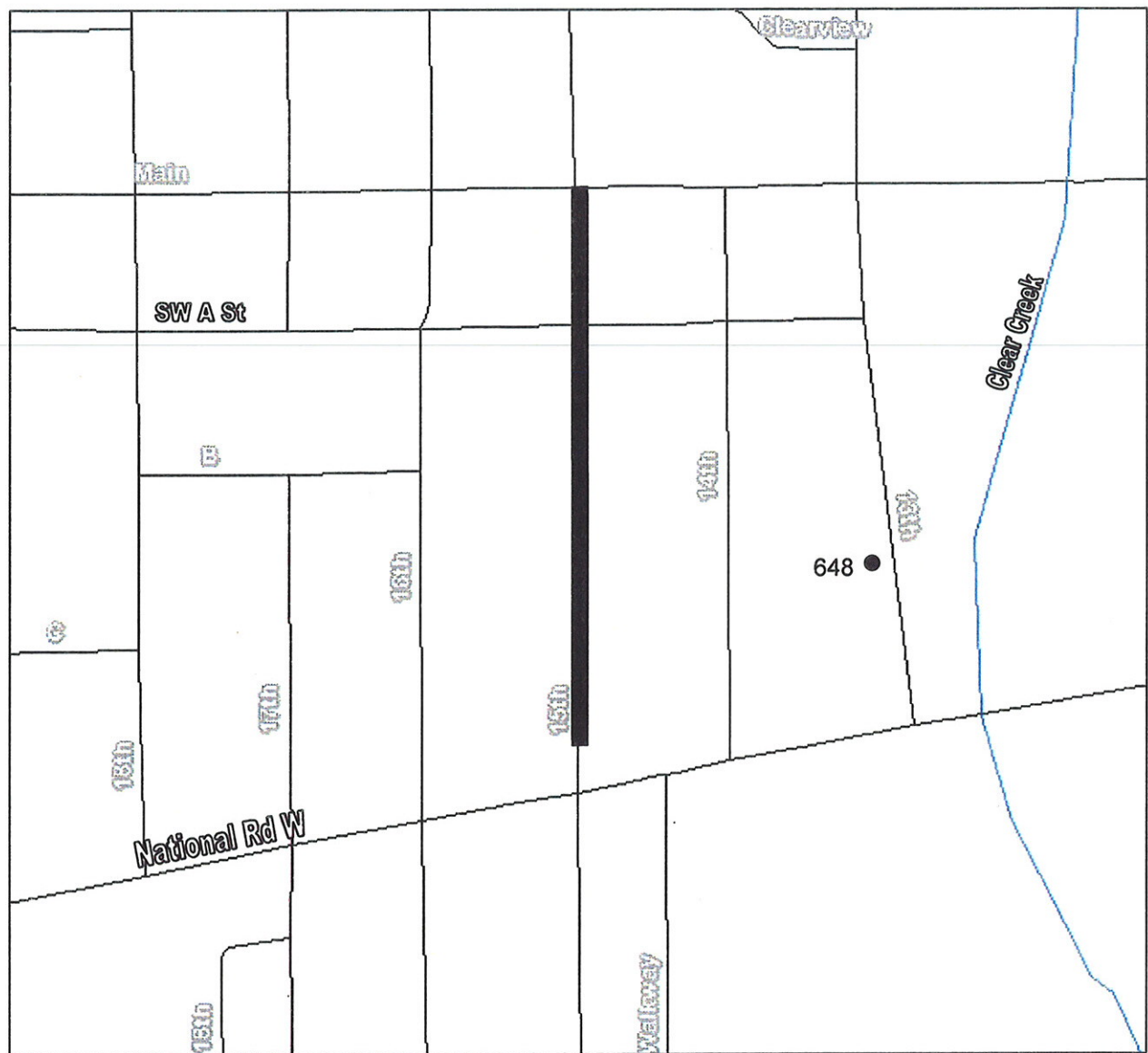
-  Water Main Replacement
-  Stream (None in Project Area)
-  Historic Site

Figure RICH-4.7

INDIANA-AMERICAN WATER COMPANY
PRELIMINARY ENGINEERING REPORT – RICHMOND
WATER MAIN REPLACEMENT ON NORTH A STREET
FROM NORTH 5TH STREET TO WEST MAIN STREET





Wayne County, Wayne Township – Richmond
Scattered Sites SE Quad (Sites #56824-960)



0 500 1000
DISTANCE IN FEET

LEGEND




-  Water Main Replacement
-  Stream
-  Historic Site

Figure RICH-5.7

INDIANA-AMERICAN WATER COMPANY
PRELIMINARY ENGINEERING REPORT – RICHMOND
WATER MAIN REPLACEMENT ON SOUTHWEST 15th STREET FROM WEST
MAIN STREET TO NORTH OF NATIONAL ROAD (US 40)


INDIANA
AMERICAN WATER
Richmond District